

AMENDMENTS TO THE CLAIMS

Please cancel Claims 11, 12 and 20; and, amend Claim 19 as follows.

LISTING OF CLAIMS

1. -7. (cancelled)

8. (previously presented) A communication device using a communication method of simultaneously transmitting and receiving a plurality of N carriers to receive known signals by K (\leq N) carriers among the N carriers, the device comprising:

means for determining from the received known signals an amount of shift of amplitude and phase of each of the K carriers indicative of the known signal to determine delay information of receiving radio waves in response to thus determined amount of shift;

a detector for detecting a leading head of the receiving radio waves;

a timing determining unit for determining synchronization timing of the receiving radio waves based on detection by the detector;

a discriminator unit for determining whether the receiving radio waves have been received prior to the synchronization timing in response to the delay information;

a timing reconfiguration unit for reconfiguring the synchronization timing by means of the receiving radio waves received prior to the synchronization timing, when the discriminator unit determines that the receiving radio waves have been received prior to the synchronization timing; and

a delay information recalculating unit for determining the delay information again in response to the reconfigured synchronization timing and the received signals.

9.-18. (cancelled)

19. (currently amended) The communication device according to ~~either claim 8 or claim 11~~, wherein:

the communication method is an orthogonal multiplexing carrier method.

20. (cancelled)